

#startupindia



Department for Promotion of Industry and Internal Trade
Ministry of Commerce and Industry
Government of India



INVEST INDIA
NATIONAL INVESTMENT PROMOTION
& FACILITATION AGENCY

STARTUP SOLUTIONS FOR COVID-19 SUPPORTED BY COVID-19 TASKFORCE

TESTING
EQUIPMENT

MAY 2020





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TESTING EQUIPMENT


AYU DEVICES PVT LTD

Details Of the Founders	Details Of the Product	Market Status	Support Needed
<p>Name: Adarsha K</p> <p>Website: www.ayudevices.com</p> <p>Location: Maharashtra</p>	<p>Product: Digital Stethoscope for COVID-19</p> <p>Target Audience: Hospitals</p>	<p>Startup Stage: Early Traction</p> <p>Price: INR 16,000</p> <p>Production: 10 units per day</p>	<p>Logistical Support: Need assistance for movement in the supply chain</p> <p>Funding: It needs financial support of INR 60-80 lakhs</p>
<ul style="list-style-type: none"> AyuSynk's unique stethoscope design allows healthcare workers to perform auscultation while being protected in an isolation environment and can be used with protective covers in the ED to reduce contamination when pre-screening admissions. AyuSynk can be used directly using earbuds or headphones, via Bluetooth within the isolation room or to a consultant outside the room or send sounds via email or instant messaging. The company has sold 1,000 units sold and deployed in many hospitals. 			



TESTING EQUIPMENT


BLACKFROG TECHNOLOGIES PRIVATE LIMITED

Details Of the Founders	Details Of the Product	Market Status	Support Needed
<p>Name: Mayur U Shetty</p> <p>Website: www.ayudevices.com</p> <p>Location: Maharashtra</p>	<p>Product: Emvolio</p> <p>Target Audience: Hospitals, Care centers, labs, etc.</p>	<p>Startup Stage: Validation</p> <p>Price: INR 26,000</p> <p>Production: 4 units per day</p>	NA
<ul style="list-style-type: none"> Previously developed a portable precision-refrigeration system for transport of blood, serums, vaccines, etc. Now leveraging this technology for transport of Covid-19 samples Now, they are leveraging this technology for transport of COVID-19 samples. They have developed a safe and controlled platform for the transport of nasal/throat swabs from collection centers/hospitals to the certified testing centers for improving accuracy in testing and minimizing false negatives (Arising from thermal degradation of viral specimens). 			



TESTING EQUIPMENT


CANDIPHI HEALTHCARE PRIVATE LIMITED

Details Of the Founders	Details Of the Product	Market Status	Support Needed
<p>Name: Ryan Lemos Website: www.candiphi.com Location: Bangalore</p>	<p>Product: Candiphi m-health screening and telemedicine platform Target Audience: Corporate companies, residential segment, etc.</p>	<p>Startup Stage: Validation Price: INR 3,75,000</p>	<p>NA</p>
<ul style="list-style-type: none"> • Candiphi is a healthcare technology company and its m-health screening platform for non-communicable diseases is perfect for tackling the Covid-19 crisis. • Screening tests are conducted with the help of a Clinic-In-A-Bag (CIAB) product integrated with the Candiphi software platform. • They do a wide variety of tests, the tests applicable for Covid-19 are the body temperature, SpO2, cardiology, and lung function tests. • The body temperature tests are conducted with an infra-red thermometer, SpO2 with a finger cuff device, lung function with a Bluetooth peak flow device and ECG, auscultation, and cardiac function with a handheld, wireless, Bluetooth 3-lead device. 			



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TURTLE SHELL TECHNOLOGIES PVT LTD

Details Of the Founders	Details Of the Product	Market Status	Support Needed
<p>Name: Mudit Dandwate</p> <p>Location: Bangalore</p>	<p>Product: Dozee</p> <p>Target Audience: Quarantine Centres/Isolation Centres, Hospital wards, etc.</p>	<p>Startup Stage: Early Traction</p> <p>Price: INR 7,500</p> <p>Production: 1,000 units per day</p>	<p>Deployment: It needs assistance in the deployment of the product</p> <p>Manufacturing assistance</p> <p>Funding</p>
<ul style="list-style-type: none"> Dozee is a CE Marked contact-free health monitor with clinical-grade accuracy with remote access and MEWS based alert mechanism. The system continuously monitors a person's heart rate, respiration rate placed under the mattress, converting any bed into a step-down ICU without any cuffs or leads. It also connects to other Bluetooth based peripherals like SPO2 & BP Monitor to provide access to more vitals remotely. In the COVID-19 scenario, Dozee is playing a crucial part in continuous and proactive monitoring of asymptomatic and mildly symptomatic patients in isolation wards and quarantine. It is also helping in monitoring at-risk patients at home and enabling doctors to continuously monitor their health. AI-based alerts are helping medical fraternity take timely actions. This has already proven life-saving in 40+ cases, helping flag cases of pneumonia, tuberculosis, heart failure early. 			



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FIVIDO TECHNOLOGIES PRIVATE LIMITED

Details Of the Founders	Details Of the Product	Market Status	Support Needed
<p>Name: Gaurang Kuchhal</p> <p>Website: http://www.fivido.com/</p> <p>Location: Delhi</p>	<p>Product: Infrared Thermometer</p> <p>Target Audience: Government, Railways, Airports, Private Institutions, etc.</p>	<p>Startup Stage: Early Traction</p> <p>Price: INR 2,000</p> <p>Production: 5,000 units per day</p>	<p>Logistics: It needs assistance in procuring raw material.</p>
<ul style="list-style-type: none"> • Infrared thermometers are needed to check a person's body temperature without any contact with the person in less than 1 second. • Currently, IR thermometers are exhausted in the worldwide market due to heavy demand and limited supply. • The startup is looking to manufacture this thermometer in a house in India. 			



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THERMAL ENERGY SERVICE SOLUTIONS PRIVATE LIMITED

Details Of the Founders	Details Of the Product	Market Status	Support Needed
<p>Name: Rajat Gupta</p> <p>Website: www.tessol.in/</p>	<p>Product: Phase Change Materials technology</p> <p>Target Audience: Fleet owners/logistics companies, Diagnostics labs</p>	<p>Startup Stage: Validation</p> <p>Price: INR 3,500</p> <p>Production: 1,000 units for PCM Cartidges + 100 bags per day</p>	NA
<ul style="list-style-type: none"> The company has developed an ESSOLs diagnostics cold chain solution that is reusable and maintains the temperature in the desired range for 10+ hours with multiple openings. It shall help in the transportation of COVID-19 samples from the site of collection to the labs in 2-8 Degree Celsius. 			



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THORI INDIA (OPC) PRIVATE LIMITED

Details Of the Founders	Details Of the Product	Market Status	Support Needed
<p>Name: Omkar Walambe</p> <p>Website: www.gasmeter.org.in/enquiry/</p>	<p>Product: The Flow Frequency Detector</p> <p>Target Audience: Fleet owners / logistics companies, Diagnostics labs</p>	<p>Startup Stage: Scaling</p> <p>Price: INR 3,000</p> <p>Production: 5,000 units per day</p>	NA
<ul style="list-style-type: none"> • The proposal of the Flow Frequency Detector intends to measure flow frequency & detect the respiration capacity of individuals. • The technology intends to measure the breathing power of the body to detect the virus body's most not immune to such as COVID-19 • The severe acute respiratory syndromes and Diagnose the healthiness Of Patient/Testee. 			



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URAV ADVANCED LEARNING SYSTEMS PRIVATE LIMITED

Details Of the Founders	Details Of the Product	Market Status	Support Needed
<p>Name: Ravi Kumar</p> <p>Website: https://uralstech.in/</p> <p>Location: Kerala</p>	<p>Product: Non-Contact IR Thermometer</p> <p>Target Audience: Individuals, Schools, Colleges, Government</p>	<p>Startup Stage: Early Traction</p> <p>Price: INR 4,130</p> <p>Production: 30 units</p>	NA
<ul style="list-style-type: none"> The company wants to make DIY kits where the person can assemble and learn the working of the product. For example, a Non-contact thermometer is necessary for a situation like the pandemic now. At the same time due to the lockdown, children do not have an opportunity to spend their time in a worthwhile manner. So, the startup has created a thermometer where children will assemble the thermometer using their video tutorial and get the finished working product at the same time learn about electronics. 			



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MEDIOTEK HEALTH SYSTEMS PRIVATE LIMITED

Details Of the Founders	Details Of the Product	Market Status	Support Needed
<p>Name: Sharmila Devadoss</p> <p>Website: http://www.vincense.com</p> <p>Location: Chennai</p>	<p>Product: COVID-19 risk mitigation & management using clinical-grade wireless health screening/monitoring system</p> <p>Target Audience: Hospitals Corporate Office Manufacturing Plant etc.</p>	<p>Startup Stage: Validation</p> <p>Price: 15,000 to 27,000 per unit</p> <p>Production: 3,300 units per day</p>	<p>NA</p>
<ul style="list-style-type: none"> VinCense Digital Health Screening/Monitoring Internet of Medical Things (IoMT) Platform (patent pending) built around India's first clinical-grade wearable with detachable straps can measure pulse rate, oxygen saturation, respiratory rate, and skin temperature in just 10 seconds and is the perfect triage tool for active surveillance. VinCense COVID-19 Risk Detection Protocol (VinCRDP) based on Dept. of Public Health, Govt of Tamil Nadu, and WHO guidelines enable cost & amp; time-effective triage of at-risk individuals leading to targeted screening for COVID-19 in a data-driven manner. Public health officials and healthcare professionals have access to live actionable data and can make quick decisions to save lives. 			



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PULSE ACTIVE STATIONS NETWORK

Details Of the Founders	Details Of the Product	Market Status	Support Needed
<p>Name: Joginder Tanikella Website: http://www.getpulse.in Location: Hyderabad</p>	<p>Product: Largest connected network of manned smart health kiosks in high-footfall public spaces across the country. Target Audience: Govt. and Hospitals</p>	<p>Startup Stage: Early Traction Production: 5,000 tests per day</p>	<p>NA</p>
<ul style="list-style-type: none"> The startup is present in 150 locations across 106 cities and has conducted over 450,000 health check-ups 			